Developed Control Control	21.1	0.110	MLRA / CRA: Statewide			
Benchmark System Summary	State	ОНЮ	Location Area: Statewide			
Land Use: Farm Hea	adquarters		Benchmark System Description			
Template Label: Livestock Formula System Name/Phrase:			A livestock headquarters that has a sizeable number of confined livestock. Manure storage is a concern as is manure runoff. Roo water contributes to the runoff and wetness around the facilities. Odor from the livestock operation is a concern as is the aesthetic:			
Existing Pr	actices:	for the neighbors.				
<u>0</u> 0		-				
0						
0						
0						
Resouce Concerns	Benchma	ark Effects				
Nutrients, Organics, Sediment	barns	unoff from feedlots and				
	The existing manure h contributes to odor tha					
0						
0						
0						
0						
0						
0						
0						
0						
0						

Candidate Practices - Pl	nvsio	cal Effects	State: OHIO		RA / CRA: Statewid		Page	1 of 2		
	-			Location Area: Statewide						
Land l	Jse:	Farm Headquarte	rs	Benchmark System Description						
Template La		Livestock Farm H	IQ	A livestock headquarters that has a sizeable number of confined livestock. Manure storage is a concern as is manure runoff. Roof water contributes to the runoff and wetness around the facilities.						
System Name/Phra		Livestock Farm HQ		Odor from the livestock operation is a concern as is the aesthetics for the neighbors.						
Resource Concerns >		Water Quality, Surface	Air Quality; Odors	0		0	0			
Candidate Practices ST=Short Term LT=Long Te	erm	Water; Pesticides, Nutrients, Organics, Sediment								
	ST	Sig Decrease	SI Decrease							
	LT	Sig Decrease	SI Decrease							
Diversion - 362	ST	Mod to Sig Decrease	N/A							
	LT	Mod to Sig Decrease	N/A							
Filter Strip - 393A	ST	Sig Decrease	N/A							
	LT	Sig Decrease	N/A							
Manure Transfer - 634	ST	Facilitating	Facilitating							
	LT	Facilitating	Facilitating							
	ST	SI Decrease	SI Decrease							
	LT	SI Decrease	SI Decrease							
Critical Area Planting - 342	ST	SI Decrease	Insignificant							
_	LT	SI Decrease	Insignificant							
Windbreak/Shelterbreak	ST	SI Decrease	SI Decrease							
Establishment - 380	LT	SI Decrease	SI Decrease							
Roof Runoff Management -	ST	Mod Decrease	SI Decrease							
558	LT	Mod Decrease	SI Decrease							
(ST									
	LT									
(ST									
	LT									
(ST									
	LT									
(ST									
	LT									
(ST									
	LT									
(ST									
	LT									
(ST									
<u> </u>	LT									

Candidate Practices - Ph	Candidate Practices - Physical Effects		Sta	ate: OHIO			RA / CRA: Statewide		Page 2 of 2		
		Farm Headquarte	ers	ļ		Benchmark System Description					
		Livestock Farm F				A livestock headquarters that has a sizeable number of confined livestock. Manure storage is a					
Template La			IQ						he runoff and wetness a		
System Name/Phra		Livestock Farm HQ				Odor from the livestock operation is a concern as is the aesthetics for the neighbors.					
Resource Concerns >		()		0	0	C	C	0	0	
Candidate Practices											
ST=Short Term LT=Long Te	erm										
	ST										
	LT										
Diversion - 362	ST								#N/A		
	LT								#N/A		
Filter Strip - 393A	ST										
	LT										
	ST										
	LT										
Subsurface Drain - 606	ST										
	LT										
Critical Area Planting - 342	ST										
	LT										
Windbreak/Shelterbreak	ST										
Establishment - 380	LT										
Roof Runoff Management -	ST										
558	LT										
C	ST										
	LT										
C	ST										
	LT										
C	ST										
	LT										
C	ST										
	LT										
C	ST										
	LT										
C	ST										
	LT										
C	ST										
	LT										

Pasauras Managamant	Synt	om #1	State: OHIO		MLRA / CRA: Statewic	le	Page	1 of 2		
Resource Management	Syst	em # i	State: Onlo	Location Area: Statewide						
		Farm	Alternative Resource Management System #1 Narrative Description							
Land	Use:	Headquarters	A waste storage facility will be constructed to store manure for the time period that will allow for safe utilization on the crop and pasture land. The waste							
Template Label: Livestock HQ -			storage combined with the roof runoof management (gutters, downspouts, and tile drainage) will keep clean water from the manure to reduce manure quantity and runoff potential. Areas around the facilities will be seeded to grass and maintained in a lawn-like manner. A tree and shrub windbreak will be established between the facilities and neighbors. Livestock and manure will be kept under cover to reduce odor potential.							
System Name/Phras	e RMS	S #1 High Treatment								
Resource Concerns >		Water Quality, Surface	Air Quality; Odors		0	0 0	()		
Candidate Practices		Water; Pesticides,								
ST=Short Term LT=Long T	erm	Nutrients, Organics, Sediment								
Waste Storage Facility - 313	ST	+3	+1	0	0	0	0	0		
The second of th	LT	+3	+1	0	0	0	0	0		
Manure Transfer - 634	ST	+	+	0	0	0	0	0		
	LT	+	+	0	0	0	0	0		
	ST	+1	+1	0	0	0	0	0		
	LT	+1	+1	0	0	0	0	0		
Critical Area Planting - 342	ST	+1	0	0	0	0	0	0		
, and the second	LT	+1	0	0	0	0	0	0		
Windbreak/Shelterbreak	ST	+1	+1	0	0	0	0	0		
Establishment - 380	LT	+1	+1	0	0	0	0	0		
Roof Runoff Management -	ST	+2	+1	0	0	0	0	0		
558	LT	+2	+1	0	0	0	0	0		
	0 ST	0	0	0	0	0	0	0		
	LT	0	0	0	0	0	0	0		
	0 ST	0	0	0	0	0	0	0		
	LT	0	0	0	0	0	0	0		
	0 ST	0	0	0	0	0	0	0		
	LT	0	0	0	0	0	0	0		
	0 ST	0	0	0	0	0	0	0		
	LT	0	0	0	0	0	0	0		
	0 ST	0	0	0	0	0	0	0		
	LT	0	0	0	0	0	0	0		
	0 ST	0	0	0	0	0	0	0		
	LT	0	0	0	0	0	0	0		

December Management	C 4		State: OIIIO	М	LRA / CRA: Statewide		Page 2 o	of 2		
Resource Management	Syst	em #1	State: OHIO	Loc	J					
		Farm	Alternative Resource Management System #1 Narrative Description							
Land ¹	Use:	Farm	A waste storage facility will be constructed to store manure for the time period that will allow for safe utilization on the crop and pasture							
		Headquarters					and tile drainage) will kee			
							be seeded to grass and m			
Template La	abel:	Livestock HQ - HT	like manner. A tree and shrub windbreak will be established between the facilities and neighbors. Livestock and manure will be kept under cover to reduce odor potential.							
System Name/Phrase		S #1 High Treatment								
Resource Concerns >		(0	() (0				
Candidate Practices										
ST=Short Term LT=Long T	erm									
Waste Storage Facility - 313	ST	0	0	0	0	0				
g ,	LT	0	0	0	0	0				
Manure Transfer - 634	ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	ST	0	0	0	0	0				
	LT	0	0	0	0	0				
Critical Area Planting - 342	ST	0	0	0	0	0				
Ç	LT	0	0	0	0	0				
Windbreak/Shelterbreak	ST	0	0	0	0	0				
Establishment - 380	LT	0	0	0	0	0				
Roof Runoff Management -	ST	0	0	0	0	0				
558	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				

Resource Management	Syct	om #2	State: OHIO	MI	_RA / CRA: Statewide		Page	1 of 2			
Resource Management	Sysi	.CIII #Z	State. Onto	Loca	ation Area: Statewide						
		Farm	Alternative Resource Management System #2 Narrative Description								
Land	Use:	Headquarters	A waste storage facility will be constructed to store manure for the time period that will allow for safe utilization on the crop and pasture								
neauquaiteis					t (gutters, downspouts,						
Template L	Template Label: Livestock HQ -		the manure to reduce manure quantity and runoff potential. Areas around the facilities will be seeded to grass and maintained in a lawnlike manner. Livestock and manure will be kept under cover to reduce odor potential.								
System Name/Phras		S #2 Medium atment									
Resource Concerns >		Water Quality, Surface	Air Quality; Odors	0	0	0	0	(
Candidate Practices		Water; Pesticides,									
ST=Short Term LT=Long T	erm	Nutrients, Organics,									
Waste Storage Facility - 313	ST	+3	+1	0	0	0	0	0			
j ,	LT	+3	+1	0	0	0	0	0			
	ST	+	+	0	0	0	0	0			
	LT	+	+	0	0	0	0	0			
Subsurface Drain - 606	ST	+1	+1	0	0	0	0	0			
	LT	+1	+1	0	0	0	0	0			
Critical Area Planting - 342	ST	+1	0	0	0	0	0	0			
_	LT	+1	0	0	0	0	0	0			
Roof Runoff Management -	ST	+2	+1	0	0	0	0	0			
558	LT	+2	+1	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			

Danasina Managamant	Curat	#0	01110	MI	LRA / CRA: Statewide		Page 2 of 2				
Resource Management	Syst	em #2	State: OHIO	Loc	ation Area: Statewide						
				Alternative I	Resource Managemer	nt System #2 Narrative	Description				
Land	Use:	Farm Headquarters	A waste storage facility will be constructed to store manure for the time period that will allow for safe utilization on the crop and pasture land. The waste storage combined with the roof runoof management (gutters, downspouts, and tile drainage) will keep clean water from the manure to reduce manure quantity and runoff potential. Areas around the facilities will be seeded to grass and maintained in a lawn-								
Template La	abel:	Livestock HQ - MT	like manner. Livestoc	like manner. Livestock and manure will be kept under cover to reduce odor potential.							
System Name/Phras		S #2 Medium atment									
Resource Concerns >			0	0	C	0					
Candidate Practices		1									
ST=Short Term LT=Long T	erm										
Waste Storage Facility - 313	ST	0	0	0	0	0					
-	LT	0	0	0	0	0					
	ST	0	0	0	0	0					
	LT	0	0	0	0	0					
	ST	0	0	0	0	0					
	LT	0	0	0	0	0					
Critical Area Planting - 342	ST	0	0	0	0	0					
	LT	0	0	0	0	0					
Roof Runoff Management -	ST	0	0	0	0	0					
558	LT	0	0	0	0	0					
	0 ST	0	0	0	0	0					
	LT	0	0	0	0	0					
	0 ST	0	0	0	0	0					
	LT	0	0	0	0	0					
	0 ST	0	0	0	0	0					
	LT	0	0	0	0	0					
	0 ST	0	0	0	0	0					
	LT	0	0	0	0	0					
	0 ST	0	0	0	0	0					
	LT	0	0	0	0	0					
	0 ST	0	0	0	0	0					
	LT	0	0	0	0	0					
	0 ST	0	0	0	0	0					
	LT	0	0	0	0	0					

Bassuras Managamant	Svo	tom #2	State: OHIO		LRA / CRA: Statewide		Page 1 of 2				
Resource Management	Sys	tem #3	Location Area: Statewide								
				Alternative I	Resource Managemei	nt System #3 Narrative	Description				
Land	Haai	Farm	A waste storage facility will be constructed to store manure for the time period that will allow for safe utilization on the crop and pasture land. The waste storage combined with the roof runoof management (gutters, downspouts, and tile drainage) will keep clean water from the manure to reduce manure								
Land	use:	Headquarters									
			quantity and runoff potential. Livestock and manure will be kept under cover to reduce odor potential.								
Template La	abel:	Livestock HQ - LT									
System Name/Phras		S #3 Low Treatment									
Resource Concerns >		Water Quality, Surface	Air Quality; Odors	0	(0	0	0			
Candidate Practices		Water; Pesticides,									
ST=Short Term LT=Long T	erm	Nutrients, Organics, Sediment									
Waste Storage Facility - 313	ST		+1	0	0	0	0	0			
g ,	LT		+1	0	0	0	0	0			
Manure Transfer - 634	ST	+	+	0	0	0	0	0			
	LT	+	+	0	0	0	0	0			
	ST	+1	+1	0	0	0	0	0			
	LT	+1	+1	0	0	0	0	0			
Roof Runoff Management -	ST		+1	0	0	0	0	0			
558	LT	+2	+1	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST		0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			
	0 ST	0	0	0	0	0	0	0			
	LT	0	0	0	0	0	0	0			

B	0 -		21.1	М	LRA / CRA: Statewide		Page 2 of 2			
Resource Management	Syst	tem #3	State: OHIO	Location Area: Statewide						
						nt System #3 Narrative	Description			
	d Use:	Farm	A waste storage facility will be constructed to store manure for the time period that will allow for safe utilization on the crop and pasture							
Land	ı use:	Headquarters					and tile drainage) will keep clean wate			
		•	the manure to reduce	manure quantity and ru	unoff potential. Livesto	ck and manure will be k	ept under cover to reduce odor potent	itial.		
Template Label: Livestock HQ -										
rempiate L	apei.	LT								
	RM	S #3 Low Treatment								
System Name/Phras										
Resource Concerns >			0	(0	0				
Candidate Practices		1								
ST=Short Term LT=Long										
	ST		0	0	0	0				
	LT		0	0	0	0				
Manure Transfer - 634	ST		0	0	0	0				
	LT	0	0	0	0	0				
Subsurface Drain - 606	ST		0	0	0	0				
2 (2 (1)	LT	0	0	0	0	0				
Roof Runoff Management -	ST		0	0	0	0				
558	LT 0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST		0	0	0	0				
	LT	0	0	0	0	0				
	0 ST		0	0	0	0				
	LT	0	0	0	0	0				
	0 ST		0	0	0	0				
	LT	0	0	0	0	0				
	0 ST		0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				
	0 ST	0	0	0	0	0				
	LT	0	0	0	0	0				